



## WASTE PROFILE

(Please carefully read the instructions before completing this form)

TSDf requested TWITechnology requested INCIN.

Sales #

☐ Check here if this is a Recertification☒ Check here if a Certificate of Destruction or Disposal is required

## GENERAL INFORMATION

1. GENERATOR NAME: AETS Generator USEPA ID: ILD099215303  
2. Generator Address: 13005 HAMLIN CT Billing Address: ☐ Same AETS  
ALSI, IL 60658 P.O. Box 1296  
3. Technical Contact/Phone: TIM THIEBAUD 708/388-1732 CALUMET CITY, IL 60409  
4. Alternate Contact/Phone: STEVE LEVITAS 312/646-8337 Billing Contact/Phone: STEVE LEVITAS 312-646-8337

## PROPERTIES AND COMPOSITION

5. A. Process Generating Waste: PARTIAL CLOSURE OF PROCESSING EQUIPMENT  
B. Is the waste from a CERCLA or state mandated cleanup? Yes ☐ No ☒ Location name: \_\_\_\_\_  
6. Waste Name: FREON 113, WATER AND SLUDGE  
7. A. Is this a USEPA hazardous waste (40 CFR Part 261)? Yes ☒ No ☐  
B. If D001, D002, D012- D043 do any underlying hazardous constituents (UHC's) apply? Yes ☐ No ☒ (If yes, attach UHC form)  
C. Does this waste contain debris (List size and type in chemical composition)? Yes ☐ No ☒  
D. Identify ALL USEPA listed and characteristic waste code numbers (D,F,K,P,U): F002

State Waste Codes:

8. Physical State @ 70°F: A. Solid ☐ Liquid ☒ Both ☐ Gas ☐ B. Single Layer ☐ Multilayer ☒ C. Free liquid range 95-100 %  
9. A. pH: Range 5 to 9 or Not applicable ☐ B. Strong Odor ☐ describe MILD FREON  
10. Liquid Flash Point: < 73°F ☐ 73-99°F ☐ 100-139°F ☐ 140-199°F ☐ ≥ 200°F ☒ N.A. ☐

11. CHEMICAL COMPOSITION: List ALL constituents (including halogenated organics and UHC's) present in any concentration and forward available analysis

Constituents	Range	Units	Constituents	Range	Units
<u>FREON 113(1,1,2-TRICHLORO-</u>	<u>15-25</u>	<u>%</u>			
<u>1,2,2-TRIFLUOROETHANE)</u>					
<u>SLUDGE</u>	<u>15-20</u>	<u>%</u>			
<u>WATER</u>	<u>60-70</u>	<u>%</u>			

TOTAL COMPOSITION MUST EQUAL OR EXCEED 100%

12. OTHER: PCBs if yes, concentration \_\_\_\_\_ ppm, PCBs regulated by 40 CFR 761 ☐ Pyrophoric ☐ Explosive ☐ Radioactive ☐  
Water Reactive ☐ Shock Sensitive ☐ Oxidizer ☐ Carcinogen ☐ Infectious ☐ Other \_\_\_\_\_  
13. If Benzene, concentration \_\_\_\_\_ ppm. Is the waste subject to the Benzene Waste Operations NESHAP? Yes ☐ No ☒ Unknown ☐  
14. Is the waste subject to RCRA subpart CC controls? Yes ☐ No ☒ Volatile organic concentration, if known \_\_\_\_\_ ppmw.  
15. If the waste is subject to the land ban and meets the treatment standards, check here: \_\_\_\_\_ and supply analytical results where applicable.

## SHIPPING INFORMATION

16. PACKAGING: Bulk Solid ☐ Type/Size: \_\_\_\_\_ Bulk Liquid ☐ Type/Size: \_\_\_\_\_ Drum ☒ Type/Size: DM55 Other \_\_\_\_\_  
17. SHIPPING FREQUENCY: Units 9 Per: ☐ Month ☐ Qtr. ☒ Year ☐ One Time ☐ Other \_\_\_\_\_

## SAMPLING INFORMATION

18. A. Sample source (drum, lagoon, pond, tank, vat, etc.) DRUM  
Date Sampled: 5-17-96 Sampler's Name/Company: JOE TORRES AETS  
18. B. Generator's Agent Supervising Sampling: TIM THIEBAUD 19. No sample required (See instructions.) ☐

## GENERATOR'S CERTIFICATION

I hereby certify that all information submitted in this and all attached documents contains true and accurate descriptions of this waste. Any sample submitted is representative as defined in 40 CFR 261-Appendix I or by using an equivalent method. All relevant information regarding known or suspected hazards in the possession of the generator has been disclosed. I authorize CWM to obtain a sample from any waste shipment for purposes of recertification. If this certification is made by a broker, the undersigned signs as authorized agent of the generator and has confirmed the information contained in this Profile Sheet from information provided by the generator and additional information as it has determined to be reasonably necessary.

Arthur J. Becka  
Signature

ARTHUR J. BECKA  
Printed (or typed) name and title

5-28-96  
Date

If the waste profile is approved, Chemical Waste Management, Inc. has the appropriate permits and will accept the waste pursuant to our agreement.

CWM Form 6000-D replaces the following forms: CWM-51, CWM 6000, CWM 50-A-2, CWM 50-B and CWM 6000C.



ADVANCED ENVIRONMENTAL  
TECHNICAL SERVICES

3 Gold Mine Road • Flanders, New Jersey 07836 • 201-347-7111

WASTESTREAM INFORMATION PROFILE

TWI R25831  
Disposal Code

Recertification

BRANCH 552 164

AETS TSDf requested TWI Technology requested INCIN Generator No. 414560 Generator EPA ID No. ILDD99215303

Generator Name AETS Generator State No. 0310030002

Address 13005 HAMLIN COURT State Wastestream No.

City ALBIP State IL ZIP 60658

SIC Code 4953 Source A93 Origin 2 Form 819 System Type M041

2. Waste Name FREON 113, WATER & SLUDGE

Process Generating Waste PARTIAL CLOSURE OF PRESSING EQUIPMENT

4. Shipping Name HAZARDOUS WASTE LIQUID N.O.S. Hazard Class 9 UN/NA No. 3082 PG 111 RQ amt

Waste Codes F002

6. Physical and chemical properties

1	Specific Gravity	Flash Point (F)	Solids
a < 2	a < .8	a < 80	% suspended
b 2 - 5	b .8 - 1.0	b 80 - 100	20 % settleable
X 5 - 9	c X 1.0	c 101 - 140	% dissolved
9 - 12.5	d 1.0 - 1.2	d 141 - 200	
e > 12.5	e > 1.2	e X > 200	
exact	exact	f no flash	exact

Physical State

s solid	a air reactive	r radioactive	Odor: a none
semi-solid	w water reactive	s shock sensitive	b mild
X liquid	c cyanide reactive	t temperature sensitive	c strong
p pumpable semi-solid	f sulfide reactive	m polymerization/monomer	describe FREON
f flowable powder	e explosive	n carcinogen	
gas	o oxidizing acid	i infectious	
aerosol	p peroxide former	h inhalation hazard	
r pressurized liquid	Viscosity	Color Zone: A, B, C, D	Halogens
layers	a high (syrup)	BROWN	Br % Bromine
X multilayered	b medium (oil)		Cl % Chlorine
bi-layered	c low (water)		F % Fluorine
c single phase	Free liquid range 95 to 100 %	Used oil y/n	I % Iodine

7. Chemical Composition [M = Marine Pollutant, O = Ozone Depleting Substance, U = Underlying Hazardous Constituent, B = Benzene NESHAPl

Constituents	Range	Units	Constituents	Range	Units
FREON 113	15-25	%			
SLUDGE	15-20	%			
WATER	60-70	%			

Other:

8. Does the wastestream contain PCBs regulated by 40CFR? ☐ Yes ☒ No  
PCB concentration \_\_\_\_\_ ppm
9. Is the wastestream subject to the Marine Pollutant Regulations? ☐ Yes ☒ No  
If yes, identify the chemical by writing M to the left of the chemical name.
10. Does the wastestream contain any ozone depleting substances? ☒ Yes ☒ No  
If yes, identify the chemical by writing O to the left of the chemical name.
11. Is the wastestream subject to underlying hazardous constituents notification? ☐ Yes ☒ No  
If yes, identify the constituent by writing U to the left of the chemical name.
12. Is the wastestream subject to Benzene NESHAP Notification and Control Requirements? ☐ Yes ☒ No  
If yes, concentration \_\_\_\_\_ ppm and identify the chemical by writing B to the left of the chemical name.
13. Is the wastestream subject to RCRA subpart CC controls? ☐ Yes ☒ No  
Volatile organic concentration, if known \_\_\_\_\_ ppmw CC approved analytical method \_\_\_\_\_ Generator Knowledge \_\_\_\_\_
14. Is the wastestream from a CERCLA or state mandated cleanup? ☐ Yes ☒ No

15. Container Information (Identify UN container marking if known)

Packaging: Bulk Solid \_\_\_\_\_ Type/Size: \_\_\_\_\_ Bulk Liquid \_\_\_\_\_ Type/Size: \_\_\_\_\_ Drum ☒ Type/Size: 55

Other \_\_\_\_\_

Shipping Frequency: Units 9 Per Month \_\_\_\_\_ Quarter \_\_\_\_\_ Year ☒ One Time \_\_\_\_\_ Other \_\_\_\_\_

16. Additional Information:

CERTIFICATION

I hereby certify that all information submitted in this and all attached documents contains true and accurate descriptions of this waste. Any sample submitted is representative of the waste as defined in 40 CFR 261 - Appendix I or by using an equivalent method. All relevant information regarding known or suspected hazards in the possession of the generator is disclosed. I authorize sampling of any waste shipment for purposes of recertification.

ARTHUR J. BECKA  
NAME (PRINT OR TYPE)

(708) 388-1732  
PHONE

5-28-91  
DATE

Arthur J. Becka  
SIGNATURE

FACILITY MANAGER  
TITLE



# Chemical Waste Management, Inc. BZ 5832

Profile #

## WASTE PROFILE

(Please carefully read the instructions before completing this form)

TSDF requested SRRTechnology requested FUELS

Sales #

☐ Check here if this is a Recertification☒ Check here if a Certificate of Destruction or Disposal is required

### GENERAL INFORMATION

1. GENERATOR NAME: AETS Generator USEPA ID: ILD099215303  
2. Generator Address: 13005 HAMLIN CT Billing Address: ☐ Same AETS  
Alsip, IL 60658 P.O. Box 1296  
3. Technical Contact/Phone: TIM THIEBAUD 708/388-1732 CALUMET CITY, IL 60409  
4. Alternate Contact/Phone: STEVE LEVITAS 312/646-8337 Billing Contact/Phone: STEVE LEVITAS 312-646-8337

### PROPERTIES AND COMPOSITION

5. A. Process Generating Waste: PARTIAL CLOSURE OF PROCESSING EQUIPMENT  
B. Is the waste from a CERCLA or state mandated cleanup? Yes ☐ No ☒ Location name: \_\_\_\_\_  
6. Waste Name: WASTE SOLVENT, WATER, AND SLUDGE  
7. A. Is this a USEPA hazardous waste (40 CFR Part 261)? Yes ☒ No ☐  
B. If D001, D002, D012- D043 do any underlying hazardous constituents (UHC's) apply? Yes ☐ No ☒ (If yes, attach UHC form)  
C. Does this waste contain debris (List size and type in chemical composition)? Yes ☐ No ☒  
D. Identify ALL USEPA listed and characteristic waste code numbers (D,F,K,P,U): D001, F002, F003, F005

8. Physical State @ 70°F: A. Solid ☐ Liquid ☒ Both ☐ Gas ☐ B. Single Layer ☐ Multilayer ☒ C. Free liquid range 90 to 100 %  
9. A. pH: Range 5 to 9 or Not applicable ☐ B. Strong Odor ☐ describe MILD SOLVENT  
10. Liquid Flash Point: < 73°F ☐ 73-99°F ☐ 100-139°F ☒ 140-199°F ☐ ≥ 200°F ☐ N.A. ☐

11. CHEMICAL COMPOSITION: List ALL constituents (including halogenated organics and UHC's) present in any concentration and forward available analysis

Constituents	Range	Units	Constituents	Range	Units
<u>SOLVENTS CONSISTING</u>	<u>10-20</u>	<u>90</u>			
<u>OF TOLUENE, XYLENE,</u>					
<u>ACETONE, ALCOHOL</u>					
<u>WATER</u>	<u>80-90</u>	<u>90</u>			
<u>SLUDGE</u>	<u>5-10</u>	<u>90</u>			

TOTAL COMPOSITION MUST EQUAL OR EXCEED 100%

12. OTHER: PCBs if yes, concentration \_\_\_\_\_ ppm, PCBs regulated by 40 CFR 761 ☐ Pyrophoric ☐ Explosive ☐ Radioactive ☐  
Water Reactive ☐ Shock Sensitive ☐ Oxidizer ☐ Carcinogen ☐ Infectious ☐ Other \_\_\_\_\_  
13. If Benzene, concentration \_\_\_\_\_ ppm. Is the waste subject to the Benzene Waste Operations NESHAP? Yes ☐ No ☒ Unknown ☐  
14. Is the waste subject to RCRA subpart CC controls? Yes ☐ No ☒ Volatile organic concentration, if known \_\_\_\_\_ ppmw.  
15. If the waste is subject to the land ban and meets the treatment standards, check here: \_\_\_\_\_ and supply analytical results where applicable.

### SHIPPING INFORMATION

16. PACKAGING: Bulk Solid ☐ Type/Size: \_\_\_\_\_ Bulk Liquid ☐ Type/Size: \_\_\_\_\_ Drum ☒ Type/Size: DMSS Other \_\_\_\_\_  
17. SHIPPING FREQUENCY: Units 85 Per: ☐ Month ☐ Qtr. ☒ Year ☐ One Time ☐ Other \_\_\_\_\_

### SAMPLING INFORMATION

18. A. Sample source (drum, lagoon, pond, tank, vat, etc.) DRUM  
Date Sampled: 5-17-96 Sampler's Name/Company: JOE TORRES - AETS  
18. B. Generator's Agent Supervising Sampling: TIM THIEBAUD 19. No sample required (See instructions.) ☐

### GENERATOR'S CERTIFICATION

I hereby certify that all information submitted in this and all attached documents contains true and accurate descriptions of this waste. Any sample submitted is representative as defined in 40 CFR 261-Appendix I or by using an equivalent method. All relevant information regarding known or suspected hazards in the possession of the generator has been disclosed. I authorize CWM to obtain a sample from any waste shipment for purposes of recertification. If this certification is made by a broker, the undersigned signs as authorized agent of the generator and has confirmed the information contained in this Profile Sheet from information provided by the generator and additional information as it has determined to be reasonably necessary.

Arthur J. Becka  
Signature

ARTHUR J. BECKA  
Printed (or typed) name and title

5-28-96  
Date

If the waste profile is approved, Chemical Waste Management, Inc. has the appropriate permits and will accept the waste pursuant to our agreement.

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# ADVANCED ENVIRONMENTAL TECHNICAL SERVICES

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## WASTESTREAM INFORMATION PROFILE

SRR BZ 5832

Disposal Code

Recertification

BRANCH

552 164

TS TSDF requested SRR Technology requested FUELS Generator No. 416560 Generator EPA ID No. IL0099215303

Generator Name AETS Generator State No. 0310030002

Address 13005 HAMLIN COURT State Waste Stream No. \_\_\_\_\_

City Alsip State IL ZIP 60658

SIC Code 4953 Source A<sup>93</sup> Origin 2 Form B101 System Type Mobil

Waste Name WASTE SOLVENT, WATER AND SLUDGE

Process Generating Waste PARTIAL CLOSURE OF PROCESS EQUIPMENT

Shipping Name WASTE FLAMMABLE LIQUID, NOS Hazard Class 3 UN/NA No. 1993 PG III RQ amt 100 L

Waste Codes D001 F002 F003 F005

### Physical and chemical properties

Specific Gravity	Flash Point (F)	Solids
a < 2	a < 80	% suspended
b <u>X</u> .8 - 1.0	b 80 - 100	<u>10</u> % settleable
c 1.0	c <u>X</u> 101 - 140	% dissolved
d 1.0 - 1.2	d 141 - 200	
e > 1.2	e > 200	
exact	f no flash	exact

### Physical State

solid	a air reactive	r radioactive	Odor: a none
semi-solid	w water reactive	s shock sensitive	b mild <u>X</u>
<u>X</u> liquid	c cyanide reactive	t temperature sensitive	c strong
pumpable semi-solid	f sulfide reactive	m polymerization/monomer	describe <u>SOLVENT</u>
flowable powder	e explosive	n carcinogen	
gas	o oxidizing acid	i infectious	
aerosol	p peroxide former	h inhalation hazard	
pressurized liquid	Viscosity	Zone: A, B, C, D	Halogens
	a high (syrup)	Color <u>BROWN</u>	Br % Bromine
	b medium (oil)		Cl % Chlorine
	c <u>X</u> low (water)		F % Fluorine
	Free liquid range <u>90</u> to <u>100</u> %	Used oil y/n _____	I % Iodine
		HOC <1000 ppm _____	or >1000 ppm _____

### 7. Chemical Composition [M = Marine Pollutant, O = Ozone Depleting Substance, U = Underlying Hazardous Constituent, B = Benzene NESHAP]

Constituents	Range	Units	Constituents	Range	Units
<u>SOLVENTS CONSISTING OF</u>	<u>10-20</u>	<u>%</u>			
<u>TOLUENE, XYLENE, ACETONE,</u>					
<u>ALCOHOL</u>					
<u>WATER</u>	<u>80-90</u>	<u>%</u>			
<u>SOLIDS (DIRT RUST)</u>	<u>5-10</u>	<u>%</u>			

Total Composition Must Equal or Exceed 100%

Other:

Does the wastestream contain PCBs regulated by 40CFR?

☐ Yes ☒ No

PCB concentration \_\_\_\_\_ ppm

9. Is the wastestream subject to the Marine Pollutant Regulations?

☐ Yes ☒ No

If yes, identify the chemical by writing M to the left of the chemical name.

10. Does the wastestream contain any ozone depleting substances?

☐ Yes ☒ No

If yes, identify the chemical by writing O to the left of the chemical name.

Is the wastestream subject to underlying hazardous constituents notification?

☐ Yes ☐ No

If yes, identify the constituent by writing U to the left of the chemical name.

12. Is the wastestream subject to Benzene NESHAP Notification and Control Requirements?

☐ Yes ☒ No

If yes, concentration \_\_\_\_\_ ppm and identify the chemical by writing B to the left of the chemical name.

13. Is the wastestream subject to RCRA subpart CC controls?

☐ Yes ☒ No

Volatile organic concentration, if known \_\_\_\_\_ ppmw CC approved analytical method \_\_\_\_\_ Generator Knowledge \_\_\_\_\_

Is the wastestream from a CERCLA or state mandated cleanup?

☐ Yes ☒ No

15. Container Information (Identify UN container marking if known)

Packaging: Bulk Solid \_\_\_\_\_ Type/Size: \_\_\_\_\_ Bulk Liquid \_\_\_\_\_ Type/Size: \_\_\_\_\_ Drum X Type/Size: DM 55

Other \_\_\_\_\_

Shipping Frequency: Units 35 Per Month \_\_\_\_\_ Quarter \_\_\_\_\_ Year X One Time \_\_\_\_\_ Other \_\_\_\_\_

Additional Information:

#### CERTIFICATION

I hereby certify that all information submitted in this and all attached documents contains true and accurate descriptions of this waste. Any sample submitted is representative as defined in 40 CFR 261 - Appendix I or by using an equivalent method. All relevant information regarding known or suspected hazards in the possession of the generator has been disclosed. I authorize sampling of any waste shipment for purposes of recertification.

ARTHUR J. BECKA

NAME (PRINT OR TYPE)

(708) 388-1732

PHONE

5-28-96

DATE

Arthur J. Becka

SIGNATURE

ENVIRONMENTAL MANAGER

TITLE

5-28-96



# Chemical Waste Management, Inc. BZ 5833

Profile #

## WASTE PROFILE

(Please carefully read the instructions before completing this form)

TSDF requested TWI Technology requested INCIN. Sales #   
☐ Check here if this is a Recertification ☒ Check here if a Certificate of Destruction or Disposal is required

### GENERAL INFORMATION

1. GENERATOR NAME: AETS Generator USEPA ID: ILD099215303  
2. Generator Address: 13005 HAMLIN CT. Billing Address: ☐ Same AETS  
ALSIP, IL 60658 P.O. BOX 1296  
3. Technical Contact/Phone: TIM THIEBAUD 708/388-1732 A CALUMET CITY, IL 60409  
4. Alternate Contact/Phone: STEVE LEVITAS 312-646-6660 Billing Contact/Phone: STEVE LEVITAS 312-646-6660

### PROPERTIES AND COMPOSITION

5. A. Process Generating Waste: PARTIAL CLOSURE OF PROCESSING EQUIPMENT  
B. Is the waste from a CERCLA or state mandated cleanup? Yes ☐ No ☒ Location name: \_\_\_\_\_  
6. Waste Name: SOLVENT CONTAMINATED STONE  
7. A. Is this a USEPA hazardous waste (40 CFR Part 261)? Yes ☒ No ☐  
B. If D001, D002, D012- D043 do any underlying hazardous constituents (UHC's) apply? Yes ☐ No ☒ (If yes, attach UHC form)  
C. Does this waste contain debris (List size and type in chemical composition)? Yes ☐ No ☒  
D. Identify ALL USEPA listed and characteristic waste code numbers (D,F,K,PU): F002, F003, F005

State Waste Codes:

8. Physical State @ 70°F: A. Solid ☒ Liquid ☐ Both ☐ Gas ☐ B. Single Layer ☒ Multilayer ☐ C. Free liquid range 0 to 10%  
9. A. pH: Range 5 to 9 or Not applicable ☐ B. Strong Odor ☐ describe MILD - SOLVENT  
10. Liquid Flash Point: < 73°F ☐ 73-99°F ☐ 100-139°F ☐ 140-199°F ☐ ≥ 200°F ☒ N.A. ☐

11. CHEMICAL COMPOSITION: List ALL constituents (including halogenated organics and UHC's) present in any concentration and forward available analysis

Constituents	Range	Units	Constituents	Range	Units
<u>SOLVENT CONSISTING OF</u>	<u>0-5</u>	<u>90</u>			
<u>TOLUENE, XYLENE, ACETONE,</u>					
<u>ALCOHOL</u>					
<u>STONE</u>	<u>95-100</u>	<u>90</u>			
<u>WATER</u>	<u>0-5</u>	<u>90</u>			

TOTAL COMPOSITION MUST EQUAL OR EXCEED 100%

12. OTHER: PCBs if yes, concentration \_\_\_\_\_ ppm, PCBs regulated by 40 CFR 761 ☐ Pyrophoric ☐ Explosive ☐ Radioactive ☐  
Water Reactive ☐ Shock Sensitive ☐ Oxidizer ☐ Carcinogen ☐ Infectious ☐ Other \_\_\_\_\_  
13. If Benzene, concentration \_\_\_\_\_ ppm. Is the waste subject to the Benzene Waste Operations NESHAP? Yes ☐ No ☒ Unknown ☐  
14. Is the waste subject to RCRA subpart CC controls? Yes ☐ No ☒ Volatile organic concentration, if known \_\_\_\_\_ ppmw.  
15. If the waste is subject to the land ban and meets the treatment standards, check here: \_\_\_\_\_ and supply analytical results where applicable.

### SHIPPING INFORMATION

16. PACKAGING: Bulk Solid ☐ Type/Size: \_\_\_\_\_ Bulk Liquid ☐ Type/Size: \_\_\_\_\_ Drum ☒ Type/Size: DM-55 Other \_\_\_\_\_  
17. SHIPPING FREQUENCY: Units 1 Per: ☐ Month ☐ Qtr. ☒ Year ☐ One Time ☐ Other \_\_\_\_\_

### SAMPLING INFORMATION

18. A. Sample source (drum, lagoon, pond, tank, vat, etc.) DRUM  
Date Sampled: 5-21-96 Sampler's Name/Company: JOE TORRES AETS  
18. B. Generator's Agent Supervising Sampling: TIM THIEBAUD 19. No sample required (See instructions.) ☐

### GENERATOR'S CERTIFICATION

I hereby certify that all information submitted in this and all attached documents contains true and accurate descriptions of this waste. Any sample submitted is representative as defined in 40 CFR 261- Appendix I or by using an equivalent method. All relevant information regarding known or suspected hazards in the possession of the generator has been disclosed. I authorize CWM to obtain a sample from any waste shipment for purposes of recertification. If this certification is made by a broker, the undersigned signs as authorized agent of the generator and has confirmed the information contained in this Profile Sheet from information provided by the generator and additional information as it has determined to be reasonably necessary.

Arthur J. Becka  
Signature

ARTHUR J. BECKA  
Printed (or typed) name and title

5-28-96  
Date

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CWM Form 6000-D replaces the following forms: CWM-51, CWM 6000, CWM 50-A-2, CWM 50-B and CWM 6000C.



ADVANCED ENVIRONMENTAL  
TECHNICAL SERVICES

3 Gold Mine Road • Flanders, New Jersey 07836 • 201-347-7111

WASTESTREAM INFORMATION PROFILE

TWI BZ 5833  
Disposal Code

☐ Recertification

BRANCH SS2 164

AETS TSDP requested TWI Technology requested INCIN Generator No. 416560 Generator EPA ID No. ILD099215303

Generator Name AETS Generator State No. 0310030002

Address 13005 HAMKIN COURT State IL ZIP 60658

City ALSAIP State IL ZIP 60658

SIC Code 4953 Source A93 Origin 2 Form B319 System Type M043

2. Waste Name SOLVENT CONTAMINATED STONE

Process Generating Waste PARTIAL CLOSURE OF PROCESSING EQUIPMENT

4. Shipping Name HAZARDOUS WASTE SOLID N.O.S. Hazard Class 9 UN/NA No. 3077 PG III RQ amt

Waste Codes F002 F003 F005

6. Physical and chemical properties

H	Specific Gravity	Flash Point (F)	Solids	
<input type="checkbox"/> < 2	a <input type="checkbox"/> < .8	a <input type="checkbox"/> < 80	<input type="checkbox"/> % suspended	<input type="checkbox"/> % ash
b <input type="checkbox"/> 2 - 5	b <input type="checkbox"/> .8 - 1.0	b <input type="checkbox"/> 80 - 100	<input type="checkbox"/> % settleable	<input type="checkbox"/> water solubility
c <input checked="" type="checkbox"/> 5 - 9	c <input type="checkbox"/> 1.0	c <input type="checkbox"/> 101 - 140	<input type="checkbox"/> % dissolved	<input type="checkbox"/> BTU/lb
d <input type="checkbox"/> 9 - 12.5	d <input type="checkbox"/> 1.0 - 1.2	d <input type="checkbox"/> 141 - 200		
e <input type="checkbox"/> > 12.5	e <input type="checkbox"/> > 1.2	e <input checked="" type="checkbox"/> > 200		
<input type="checkbox"/> exact	<input type="checkbox"/> exact	f <input type="checkbox"/> no flash	<input type="checkbox"/> exact	

Physical State

s <input checked="" type="checkbox"/> solid	a <input type="checkbox"/> air reactive	r <input type="checkbox"/> radioactive	Odor: a none <input checked="" type="checkbox"/>
l <input type="checkbox"/> semi-solid	w <input type="checkbox"/> water reactive	s <input type="checkbox"/> shock sensitive	b mild <input checked="" type="checkbox"/>
<input type="checkbox"/> liquid	c <input type="checkbox"/> cyanide reactive	t <input type="checkbox"/> temperature sensitive	c strong <input type="checkbox"/>
p <input type="checkbox"/> pumpable semi-solid	f <input type="checkbox"/> sulfide reactive	m <input type="checkbox"/> polymerization/monomer	describe <u>SOLVENT</u>
f <input type="checkbox"/> flowable powder	e <input type="checkbox"/> explosive	n <input type="checkbox"/> carcinogen	
<input type="checkbox"/> gas	o <input type="checkbox"/> oxidizing acid	i <input type="checkbox"/> infectious	
<input type="checkbox"/> aerosol	p <input type="checkbox"/> peroxide former	h <input type="checkbox"/> inhalation hazard	
r <input type="checkbox"/> pressurized liquid	Viscosity	Zone: A, B, C, D	Halogens
l <input type="checkbox"/> layers	a <input type="checkbox"/> high (syrup)	Color <u>GRAY-BROWN</u>	Br <input type="checkbox"/> % Bromine
<input checked="" type="checkbox"/> multilayered	b <input type="checkbox"/> medium (oil)		Cl <input type="checkbox"/> % Chlorine
<input type="checkbox"/> bi-layered	c <input type="checkbox"/> low (water)		F <input type="checkbox"/> % Fluorine
c <input checked="" type="checkbox"/> single phase	Free liquid range <u>0</u> to <u>10</u> %	Used oil y/n <input type="checkbox"/> HOC <1000 ppm <input type="checkbox"/> or >1000 ppm <input type="checkbox"/>	I <input type="checkbox"/> % Iodine

7. Chemical Composition [M = Marine Pollutant, O = Ozone Depleting Substance, U = Underlying Hazardous Constituent, B = Benzene NESHA]

Constituents	Range	Units	Constituents	Range	Units
<u>SOLVENTS CONSISTING OF</u>	<u>0-5</u>	<u>90</u>			
<u>TOLUENE, XYLENE, ACETONE,</u>					
<u>ALCOHOL</u>					
<u>STONE</u>	<u>90-100</u>	<u>90</u>			
<u>WATER</u>	<u>0-5</u>	<u>90</u>			

Other:

8. Does the wastestream contain PCBs regulated by 40CFR? ☐ Yes ☒ No  
PCB concentration \_\_\_\_\_ ppm
9. Is the wastestream subject to the Marine Pollutant Regulations? ☐ Yes ☒ No  
If yes, identify the chemical by writing M to the left of the chemical name.
10. Does the wastestream contain any ozone depleting substances? ☐ Yes ☒ No  
If yes, identify the chemical by writing O to the left of the chemical name.
11. Is the wastestream subject to underlying hazardous constituents notification? ☐ Yes ☒ No  
If yes, identify the constituent by writing U to the left of the chemical name.
12. Is the wastestream subject to Benzene NESHAP Notification and Control Requirements? ☐ Yes ☒ No  
If yes, concentration \_\_\_\_\_ ppm and identify the chemical by writing B to the left of the chemical name.
13. Is the wastestream subject to RCRA subpart CC controls? ☐ Yes ☒ No  
Volatile organic concentration, if known \_\_\_\_\_ ppmw CC approved analytical method \_\_\_\_\_ Generator Knowledge \_\_\_\_\_
14. Is the wastestream from a CERCLA or state mandated cleanup? ☐ Yes ☒ No

15. Container Information (Identify UN container marking if known)

Packaging: Bulk Solid \_\_\_\_\_ Type/Size: \_\_\_\_\_ Bulk Liquid \_\_\_\_\_ Type/Size: \_\_\_\_\_ Drum X Type/Size: DM-55

Other \_\_\_\_\_

Shipping Frequency: Units 1 Per Month \_\_\_\_\_ Quarter \_\_\_\_\_ Year X One Time \_\_\_\_\_ Other \_\_\_\_\_

16. Additional Information:

CERTIFICATION

I hereby certify that all information submitted in this and all attached documents contains true and accurate descriptions of this waste. Any sample submitted is representative defined in 40 CFR 261 - Appendix I or by using an equivalent method. All relevant information regarding known or suspected hazards in the possession of the generator has disclosed. I authorize sampling of any waste shipment for purposes of recertification.

ARTHUR J. BECKA

NAME (PRINT OR TYPE)

(708) 388-1732

PHONE

5-28-96

DATE

Arthur J. Becka

SIGNATURE

FACILITY MANAGER

TITLE



# Chemical Waste Management, Inc. BV 9737

Profile #

## WASTE PROFILE

(Please carefully read the instructions before completing this form)

TSDF requested CWA  
☐ Check here if this is a Recertification

Technology requested SOLIDIFICATION/LANDFILL  
☐ Check here if a Certificate of Destruction or Disposal is required

Sales #  
LAB

### GENERAL INFORMATION

1. GENERATOR NAME: CENTURY RESOURCES Generator USEPA ID: ILN099215303  
2. Generator Address: 13005 HAMLIN CT. Billing Address: ☐ Same Chemical Waste Management, Inc.  
ALSI, IL. 60658 3331 Street Road  
3. Technical Contact/Phone: JERRY BECKA (708) 398-1732 Bensalem, PA 19020  
4. Alternate Contact/Phone: \_\_\_\_\_ Billing Contact/Phone: Mary Bridget Schmidt (215) 633-203

### PROPERTIES AND COMPOSITION

5. A. Process Generating Waste: ~~LABORATORY CLEAN OUT~~ BARRETON DRILLING WATER  
B. Is the waste from a CERCLA or state mandated cleanup? Yes ☐ No ☐ Location name: \_\_\_\_\_  
6. Waste Name: ~~PACKAGED LABORATORY WASTE~~ PURGE WATER  
7. A. Is this a USEPA hazardous waste (40 CFR Part 261)? Yes ☐ No ☒  
B. If D001, D002, D012- D043 do any underlying hazardous constituents (UHC's) apply? Yes ☐ No ☒ (If yes, attach UHC form)  
C. Does this waste contain debris (List size and type in chemical composition)? Yes ☐ No ☒  
D. Identify ALL USEPA listed and characteristic waste code numbers (D,F,K,P,U): NONE

State Waste Codes: NONE

8. Physical State @ 70°F: A. Solid ☐ Liquid ☒ Both ☐ Gas ☐ B. Single Layer ☐ Multilayer ☐ C. Free liquid range 80 to 100 °  
9. A. pH: Range 7 to 9 or Not applicable ☐ B. Strong Odor ☐ describe \_\_\_\_\_  
10. Liquid Flash Point: < 73°F ☐ 73-99°F ☐ 100-139°F ☐ 140-199°F ☐ ≥ 200°F ☐ N.A. ☒

11. CHEMICAL COMPOSITION: List ALL constituents (including halogenated organics and UHC's) present in any concentration and forward available analysis

Constituents	Range	Units	Constituents	Range	Units
			<u>WATER</u>	<u>80-100</u>	<u>%</u>
<u>SEE ATTACHED DRUM INVENTORY SHEETS</u>			<u>SOIL</u>	<u>5-20</u>	<u>%</u>

Chemical Waste Management, Inc. has all the necessary permits and licenses for the waste that has been characterized and identified by this approved profile

TOTAL COMPOSITION MUST EQUAL OR EXCEED 100% Air Reactive Water Reactive Circle if applies

12. OTHER: PCBs if yes, concentration \_\_\_\_\_ ppm, PCBs regulated by 40 CFR 761 ☐ Pyrophoric ☐ Explosive ☐ Radioactive ☐  
Water Reactive ☐ Shock Sensitive ☐ Oxidizer ☐ Carcinogen ☐ Infectious ☐ Other \_\_\_\_\_  
13. If Benzene, concentration \_\_\_\_\_ ppm. Is the waste subject to the Benzene Waste Operations NESHAP? Yes ☐ No ☐ Unknown ☐  
14. Is the waste subject to RCRA subpart CC controls? Yes ☐ No ☐ Volatile organic concentration, if known \_\_\_\_\_ ppmw.  
15. If the waste is subject to the land ban and meets the treatment standards, check here: \_\_\_\_\_ and supply analytical results where applicable.

SEE ATTACHED MANIFESTS

### SHIPPING INFORMATION

16. PACKAGING: Bulk Solid ☐ Type/Size: \_\_\_\_\_ Bulk Liquid ☐ Type/Size: \_\_\_\_\_ Drum ☒ Type/Size: 55 GAL 17E+H Other \_\_\_\_\_  
17. SHIPPING FREQUENCY: Units 2 Per: ☐ Month ☐ Qtr. ☒ Year ☐ One Time ☐ Other \_\_\_\_\_

### SAMPLING INFORMATION

18. A. Sample source (drum, lagoon, pond, tank, vat, etc.) \_\_\_\_\_  
Date Sampled: \_\_\_\_\_ Sampler's Name/Company: \_\_\_\_\_  
18. B. Generator's Agent Supervising Sampling: \_\_\_\_\_ 19. No sample required (See instructions.) ☒

### GENERATOR'S CERTIFICATION

I hereby certify that all information submitted in this and all attached documents contains true and accurate descriptions of this waste. Any sample submitted is representative as defined in 40 CFR 261- Appendix I or by using an equivalent method. All relevant information regarding known or suspected hazards in the possession of the generator has been disclosed. I authorize CWM to obtain a sample from any waste shipment for purposes of recertification. If this certification is made by a broker, the undersigned signs as authorized agent of the generator and has confirmed the information contained in this Profile Sheet from information provided by the generator and additional information as it has determined to be reasonably necessary.

Arthur J. Becka ARTHUR J. BECKA 4-30-96  
Signature Printed (or typed) name and title Date



# Chemical Waste Management, Inc. BU 5499

## WASTE PROFILE

Profile #

(Please carefully read the instructions before completing this form)

TSDF requested CWM-RR Technology requested FUEL Sales #           

☐ Check here if this is a Recertification ☐ Check here if a Certificate of Destruction or Disposal is required

## GENERAL INFORMATION

1. GENERATOR NAME: ADVANCED ENVIRONMENTAL TECHNICAL SERVICES Generator USEPA ID: ILD 099215303

2. Generator Address: 13005 HAMLIN CT. Billing Address: ☒ Same AKS

Alsip, IL 60658 CALUMET CITY, IL

3. Technical Contact/Phone: (708) 388-1732 PC-16

4. Alternate Contact/Phone: (708) 388-1732 Billing Contact/Phone: KATHY SUDAC (708) 388-1732

## PROPERTIES AND COMPOSITION

5. A. Process Generating Waste: PARTIAL CLOSURE OF PROCESSING EQUIPMENT

B. Is the waste from a CERCLA or state mandated cleanup? Yes ☐ No ☒ Location name: N/A

6. Waste Name: WASTE SOLVENT & WATER

7. A. Is this a USEPA hazardous waste (40 CFR Part 261)? Yes ☒ No ☐

B. If D001, D002, D012- D043 do any underlying hazardous constituents (UHC's) apply? Yes ☐ No ☐ (If yes, attach UHC form)

C. Does this waste contain debris (List size and type in chemical composition)? Yes ☐ No ☒

D. Identify ALL USEPA listed and characteristic waste code numbers (D,K,F,U): D001, F002, F003, F005

8. Physical State @ 70°F: A. Solid ☐ Liquid ☒ Both ☐ Gas ☐ B. Single Layer ☐ Multilayer ☒ C. Free liquid range 98 to 100 %

9. A. pH: Range N/A to            or Not applicable ☒ B. Strong Odor ☐ describe N/A

10. Liquid Flash Point: ☐ < 73°F ☐ 73-99°F ☒ 100-139°F ☐ 140-199°F ☐ ≥ 200°F ☐ N/A ☐

11. CHEMICAL COMPOSITION: List ALL constituents (including halogenated organics and UHC's) present in any concentration and forward available analysis

Constituents	Range	Units	Constituents	Range	Units
<u>WASTE SOLVENTS</u>	<u>65% 100%</u>		<u>WATER</u>	<u>5-35%</u>	
<u>CONSISTING OF THE</u>			<u>SOLIDS (DIRT &amp; RUST)</u>	<u>0-2%</u>	
<u>FOLLOWING: TOLUENE</u>					
<u>XYLENE, ACETONE, ALCOHOL</u>					

## TOTAL COMPOSITION MUST EQUAL OR EXCEED 100%

12. OTHER: PCBs if yes, concentration            ppm, PCBs regulated by 40 CFR 761 ☐ Pyrophoric ☐ Explosive ☐ Radioactive ☐

Water Reactive ☐ Shock Sensitive ☐ Oxidizer ☐ Carcinogen ☐ Infectious ☐ Other           

13. If Benzene, concentration            ppm, Is the waste subject to the Benzene Waste Operations NESHAP? Yes ☐ No ☒ Unknown ☐

14. Is the waste subject to RCRA subpart CC controls? Yes ☐ No ☒ Volatile organic concentration, if known            ppmv

15. If the waste is subject to the land ban and meets the treatment standards, check here:            and supply analytical results where applicable.

## SHIPPING INFORMATION

16. PACKAGING: Bulk Solid ☐ Type/Size:            Bulk Liquid ☐ Type/Size:            Drum ☒ Type/Size: DM-55 GAL Other           

17. SHIPPING FREQUENCY: Units 15 Per: ☐ Month ☐ Qtr. ☐ Year ☒ One Time ☐ Other           

## SAMPLING INFORMATION

18. A. Sample source (drum, lagoon, pond, tank, vat, etc.)           

Date Sampled:            Sampler's Name/Company:           

18. B. Generator's Agent Supervising Sampling:            19. No sample required (See instructions.) ☒

## GENERATOR'S CERTIFICATION

I hereby certify that all information submitted in this and all attached documents contains true and accurate descriptions of this waste. Any sample submitted is representative as defined in 40 CFR 261. Appendix I or by using an equivalent method. All relevant information regarding known or suspected hazards in the possession of the generator has been disclosed. I authorize CWM to obtain a sample from any waste shipment for purposes of recertification. If this certification is made by a broker, the undersigned signs as authorized agent of the generator and has confirmed the information contained in this Profile Sheet from information provided by the generator and additional information as it has determined to be reasonably necessary.

Arthur J. Becka Signature ARTHUR J. BECKA Printed (or typed) name and title 4-24-96 Date

JUN 26 '96 09:12AM  
Jun. 25. 1996 7:38AM

WMI MW SPEC PROJ CUST SRVC

796 P03

JUN 26 '96 14:34

No. 0541 P. 13/14



# MIDWEST REGION SPECIAL WASTE MANAGEMENT DECISION

30277

Waste Profile Sheet Code

I. Request For Decision: ☒ Initial ☐ Renewal

GENERATOR NAME Advanced Environmental Technical Services ADDRESS 13005 Hamlin Ct

CITY, STATE/PROVINCE Alsip IL 60658

WASTE NAME(S) Process Equipment Heat Exchangers, piping, and concrete

PROPOSED MANAGEMENT FACILITY Laramie RDF

PROPOSED INTERMEDIATE  
TRANSFER FACILITY:

TRANSPORTER:

WMI REQUESTOR: Mark Holder

SIGNATURE

II. TECHNICAL MANAGER DECISION: (circle one)

☒ APPROVED

☐ DISAPPROVED

☐ Check if additional information is attached.

If Disapproved, Explain:

If Approved, Complete A, B, C  
and D Below:

A Management Method(s):

25 Codisposal

B Precautions, Conditions, or  
Limitations on Approval:

None

C Decision Expiration Date:

6/19/97

D For Type A Wastes, Laboratory Analysis of a Representative Sample Was: (Check only one)

☐ Waived

☐ Supplied By Generator

☒ From a WMI-approved Lab

☐ From Both Generator and WMI-approved Lab

TECH. MGR. SIGNATURE:

Peter G Johnson

NAME (PRINT)

Peter G Johnson

DATE:

6/24/96

III. WMI MANAGEMENT FACILITY GENERAL MANAGER DECISION: (circle one)

☒ APPROVED

☐ DISAPPROVED

If Approved, State any  
Additional Precautions,  
Conditions or Limitations:

GENERAL MGR SIGNATURE:

W. L. H. for Butcher

NAME (PRINT)

W. L. H. for Butcher

DATE:

6/29/96

IV. WMI INTERMEDIATE TRANSFER FACILITY GENERAL MANAGER DECISION: (circle one)

☐ APPROVED

☐ DISAPPROVED

If Approved, State any  
Additional Precautions,  
Conditions or Limitations:



F. SAMPLING SOURCE (Omit for Type B) (e.g., Drum, Lagoon, Pit, Pond, Tank, Vat) \_\_\_\_\_

G. REPRESENTATIVE SAMPLE CERTIFICATION (Omit for Type B)

1. Print Sampler's Name: \_\_\_\_\_ 2. Sample Date: \_\_\_\_\_

3. Sampler's Title: \_\_\_\_\_

Sampler's Employer (if other than Generator): \_\_\_\_\_

The sampler's signature certifies that any sample submitted is representative of the waste described above pursuant to 40 CFR 261.20(c) or equivalent rules.

5. Sampler's Signature \_\_\_\_\_

H. GENERATOR CERTIFICATION

By signing this profile sheet, the Generator certifies:

1. This waste is not "Hazardous Waste" as defined by USEPA and/or state regulation.
2. This waste does not contain regulated radioactive materials or regulated concentrations of PCB's (Polychlorinated Biphenyls).
3. The waste does not contain regulated concentrations of the following pesticides and herbicides: Chlordane, Endrin, Heptachlor (and it's epoxide), Lindane, Methoxychlor, Toxaphene, 2, 4-D, or 2, 4, 5-TP (Silvex).
4. The waste does not contain halogenated compounds such as: tetrachloroethylene, trichloroethylene, methylene chloride, 1, 1, 1-trichloroethane, carbon tetrachloride, chloroform, ortho-dichlorobenzene, dichlorodifluoromethane, 1, 1, 2-trichloro-1, 2, 2-trifluoroethane, trichlorofluoromethane 1, 1-dichloroethylene, and 1, 2-dichloroethylene at greater than 1% (10,000ppm) total solvent concentration. This listing includes any combination of the above named halogenated compounds where the total concentration or the sum of the concentrations of the individual compounds exceed 1% or 10,000 ppm on a weight to weight basis.
5. This sheet and the attachments contain true and accurate descriptions of the waste material. All relevant information regarding known or suspected hazards in the possession of the Generator has been disclosed.
6. The Generator has read and understands the Contractor's Definition of Special Waste included in Part B.5. of the attached instructions form. All types and amounts of special wastes provided in incidental amounts have been identified in section B.6. of this form.
7. The analytical data presented herein or attached hereto were derived from testing a representative sample taken in accordance with 40 CFR 261.20(c) or equivalent rules.

any changes occur in the character of the waste, the Generator shall notify the Contractor prior to providing the waste to the Contractor.

9. Signature A. J. Becka 10. Title FACILITY MANAGER

11. Name (Type or Print) A. J. BECKA 12. Date 6-24-96

NOTE: Omit sections D., E., F., and G., for Type B waste.

Comments:



Dear Generator,

WPS# 30277

Your waste has been found to contain reactive sulfide and/or cyanide in concentrations greater than 10 ppm, but less than 100 ppm. The Illinois EPA has indicated that additional information concerning this waste stream will be required prior to landfill approval.

Specifically:

Has the waste ever caused injury to a worker because of H<sub>2</sub>S or HCN generation?

Yes

☒ No

Have the OSHA workplace air concentration limits for either H<sub>2</sub>S or HCN been exceeded in areas where the waste is generated, stored or otherwise handled?

Yes

☒ No

Have air concentrations of H<sub>2</sub>S or HCN above a few ppm ever been encountered in areas where the waste is generated, stored or otherwise handled?

Yes

☒ No

Have any of the problems described above ever been encountered with disposal of this waste? (i.e. land disposal, treatment, etc.)

Yes

☒ No

If you indicated a positive response to any of the above questions, please explain below:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

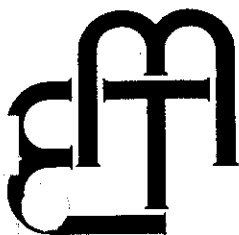
Sincerely,

Tom Gill  
Technical Manager

A. J. Bucha  
(Generator's Signature)

FACILITY MANAGER  
(Title)

6-24-96  
(Date)



# ENVIRONMENTAL MONITORING AND TECHNOLOGIES, INC.

8100 North Austin Avenue  
Morton Grove, Illinois 60053-3203  
847-967-6666  
FAX: 847-967-6735

## LABORATORY REPORT

144325-B

Chemical Waste Management  
138th Street & I-94, P.O. Box 1296  
Calumet City, IL 60409

Report Date: 6/20/96  
Sample Received: 6/14/96

Sample ID: AC-C-001  
Sample No.: 54796

Total Alkalinity as $\text{NH}_4\text{OH}$	18900
Ash Content	90.9%
Total Cyanide	<5.00
Odor of Sample	None
Open Cup Flash Point	>180°F.
Paint Filter	Pass
Physical Appearance	White Rocks
Reactive Sulfide	<10.0
Total Phenolics	<10.0
Total Solids	96.7%
Water Compatability	No Reaction/Sinks
pH (10% Solution)	11.6 units

### Performed on Shake Extraction of Solid Waste with Water ASTM D3987-85

Ammonia	0.77
Cyanide	<0.50
Chemical Oxygen Demand	14
Fats, Oil & Grease	9
Oxidizers	Negative
pH (units)	11.6

### Analysis performed on TCLP extract

Arsenic	<0.200
Barium	<0.50
Cadmium	<0.02
Chromium	<0.10
Copper	<0.10
Lead	<0.20
Mercury	<0.0100
Nickel	<0.10
Selenium	<0.200
Silver	<0.20
Zinc	<0.50

All results expressed as ppm unless otherwise indicated.

Analysis performed using "Methods for Chemical Analysis of Water and Wastes", "Standard Methods for the Examination of Wastewater", 19th Edition, SW-846 "Test Methods for Evaluating Solid Waste", and ASTM Methods.

The contents of this report apply to the sample analyzed. No duplication of this report is allowed except its entirety.

  
LABORATORY DIRECTOR



# ENVIRONMENTAL MONITORING AND TECHNOLOGIES, INC.

8100 North Austin Avenue  
Morton Grove, Illinois 60053-3203  
847-967-6666  
FAX: 847-967-6735

## LABORATORY REPORT

144325-A

Chemical Waste Management  
138th Street & I-94, P.O. Box 1296  
Calumet City, IL 60409

Report Date: 6/19/96  
Sample Received: 6/14/96

Sample ID: AC-C-001  
Sample No.: 54796

Compounds	Concentration Found In		Adjusted Concentration	Method Detection Limit (MDL)	Regulatory Limit
	Sample	Blank			
1. Benzene	<0.25	<0.01	<0.25	0.01	0.50
2. Carbon Tetrachloride	<0.25	<0.01	<0.25	0.01	0.50
3. Chlorobenzene	<50.0	<0.01	<50.0	0.01	100.00
4. Chloroform	<3.0	<0.01	<3.0	0.01	6.00
5. o-Cresol	<100.0	<0.01	<100.0	0.01	200.00
6. m-Cresol	<100.0	<0.01	<100.0	0.01	200.00
7. p-Cresol	<100.0	<0.01	<100.0	0.01	200.00
Total Cresol	<100.0	<0.01	<100.0	0.01	200.00
8. 1,4-Dichlorobenzene	<3.75	<0.01	<3.75	0.01	7.50
9. 1,2-Dichloroethane	<0.25	<0.01	<0.25	0.01	0.50
10. 1,1-Dichloroethene	<0.35	<0.01	<0.35	0.01	0.700
11. 2,4-Dinitrotoluene	<0.07	<0.01	<0.07	0.01	0.13
12. Hexachlorobenzene	<0.07	<0.01	<0.07	0.01	0.13
13. Hexachloro-1,3-butadiene	<0.25	<0.01	<0.25	0.01	0.50
14. Hexachloroethane	<1.50	<0.01	<1.50	0.01	3.00
15. Methyl Ethyl Ketone	<100.0	<0.01	<100.0	0.01	200.00
16. Nitrobenzene	<1.00	<0.01	<1.00	0.01	2.00
17. Pentachlorophenol	<50.00	<0.01	<50.0	0.01	100.00
18. Pyridine	<2.50	<0.01	<2.50	0.01	5.00
19. Tetrachloroethylene	<0.35	<0.01	<0.35	0.01	0.70
20. Trichloroethylene	<0.25	<0.01	<0.25	0.01	0.50
21. 2,4,5-Trichlorophenol	<200.00	<0.01	<200.00	0.01	400.00
22. 2,4,6-Trichlorophenol	<1.00	<0.01	<1.00	0.01	2.00
23. Vinyl Chloride	<0.10	<0.01	<0.10	0.01	0.20

All results expressed as ppm unless otherwise indicated.  
Methods performed according to SW-846, "Test methods for Evaluating Solid Waste".

Analysis performed on Extract from TCLP.

The contents of this report apply only to the sample analyzed. No duplication of this report is allowed except in its entirety.

  
LABORATORY DIRECTOR



# ENVIRONMENTAL MONITORING AND TECHNOLOGIES, INC.

8100 North Austin Avenue  
Morton Grove, Illinois 60053-3203  
847-967-6666  
FAX: 847-967-6735

## LABORATORY REPORT

144325

Chemical Waste Management  
138th Street & I-94, P.O. Box 1296  
Calumet City, IL 60409

Report Date: 6/18/96  
Sample Received: 6/14/96

Sample ID: AC-C-001  
Sample No.: 54796

	Concentration Found In		Method Detection Limit (MDL) ug/kg (ppb)	Quantitation Limit ug/kg (ppb)
	Sample (ppm)	Blank (ppb)		
PCB 1221	<2	<0.08	500	2500
PCB 1232	<2	<0.08	500	2500
PCB 1016 (1242)	<2	<0.08	500	2500
PCB 1248	<2	<0.08	500	2500
PCB 1254	<2	<0.08	500	5000
PCB 1260	<2	<0.08	500	5000
(Total PCB)	<2	<0.08	500	----

All results expressed as ppm unless otherwise indicated.

Methods performed according to SW-846, "Test Methods for Evaluating Solid Waste".

The contents of this report apply only to the sample analyzed. No duplication of this report is allowed except in its entirety.

*Leah E. Zuber*

LABORATORY DIRECTOR



# ENVIRONMENTAL MONITORING AND TECHNOLOGIES, INC.

8100 North Austin Avenue  
Morton Grove, Illinois 60053-3203  
847-967-6666  
FAX: 847-967-6735

## LABORATORY REPORT

144326-B

Chemical Waste Management  
138th Street & I-94, P.O. Box 1296  
Calumet City, IL 60409

Report Date: 6/20/96  
Sample Received: 6/14/96

Sample ID: AC-S-002  
Sample No.: 54797

Ash Content	102%
Total Cyanide	<5.00
Odor of Sample	None
Open Cup Flash Point	>180°F.
Paint Filter	Pass
Physical Appearance	Black Metal Piping
Reactive Sulfide	346
Total Phenolics	<10.0
Total Solids	100%
Water Compatability	No Reaction/Sinks
pH (10% Solution)	8.57 units

### Performed on Shake Extraction of Solid Waste with Water ASTM D3987-85

Ammonia	2.52
Cyanide	<0.50
Chemical Oxygen Demand	278
Fats, Oil & Grease	<5
Oxidizers	Negative
pH (units)	6.95

### Analysis performed on TCLP extract

Arsenic	<0.200
Barium	<0.50
Cadmium	<0.02
Chromium	<0.10
Copper	<0.10
Lead	<0.20
Mercury	<0.0100
Nickel	<0.10
Selenium	<0.200
Silver	<0.20
Zinc	7.90

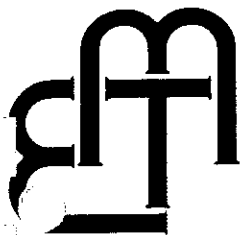
\*Sample oxidizes at high temperature of Ash Test, resulting in 102% value.

All results expressed as ppm unless otherwise indicated.

Analysis performed using "Methods for Chemical Analysis of Water and Wastes", "Standard Methods for the Examination of Wastewater", 19th Edition, SW-846 "Test Methods for Evaluating Solid Waste", and ASTM Methods.

The contents of this report apply to the sample analyzed. No duplication of this report is allowed except its entirety.

  
LABORATORY DIRECTOR



# ENVIRONMENTAL MONITORING AND TECHNOLOGIES, INC.

8100 North Austin Avenue  
Morton Grove, Illinois 60053-3203  
847-967-6666  
FAX: 847-967-6735

## LABORATORY REPORT

144326-A

Chemical Waste Management  
138th Street & I-94, P.O. Box 1296  
Calumet City, IL 60409

Report Date: 6/19/96  
Sample Received: 6/14/96

Sample ID: AC-S-002  
Sample No.: 54797

<u>Compounds</u>	<u>Concentration Found In</u>		<u>Adjusted Concentration</u>	<u>Method</u>	<u>Regulatory Limit</u>
	<u>Sample</u>	<u>Blank</u>		<u>Detection Limit (MDL)</u>	
1. Benzene	<0.25	<0.01	<0.25	0.01	0.50
2. Carbon Tetrachloride	<0.25	<0.01	<0.25	0.01	0.50
3. Chlorobenzene	<50.0	<0.01	<50.0	0.01	100.00
4. Chloroform	<3.0	<0.01	<3.0	0.01	6.00
5. o-Cresol	<100.0	<0.01	<100.0	0.01	200.00
6. m-Cresol	<100.0	<0.01	<100.0	0.01	200.00
7. p-Cresol	<100.0	<0.01	<100.0	0.01	200.00
Total Cresol	<100.0	<0.01	<100.0	0.01	200.00
8. 1,4-Dichlorobenzene	<3.75	<0.01	<3.75	0.01	7.50
9. 1,2-Dichloroethane	<0.25	<0.01	<0.25	0.01	0.50
10. 1,1-Dichloroethene	<0.35	<0.01	<0.35	0.01	0.700
11. 2,4-Dinitrotoluene	<0.07	<0.01	<0.07	0.01	0.13
12. Hexachlorobenzene	<0.07	<0.01	<0.07	0.01	0.13
13. Hexachloro-1,3-butadiene	<0.25	<0.01	<0.25	0.01	0.50
14. Hexachloroethane	<1.50	<0.01	<1.50	0.01	3.00
15. Methyl Ethyl Ketone	<100.0	<0.01	<100.0	0.01	200.00
16. Nitrobenzene	<1.00	<0.01	<1.00	0.01	2.00
17. Pentachlorophenol	<50.00	<0.01	<50.0	0.01	100.00
18. Pyridine	<2.50	<0.01	<2.50	0.01	5.00
19. Tetrachloroethylene	<0.35	<0.01	<0.35	0.01	0.70
20. Trichloroethylene	<0.25	<0.01	<0.25	0.01	0.50
21. 2,4,5-Trichlorophenol	<200.00	<0.01	<200.00	0.01	400.00
22. 2,4,6-Trichlorophenol	<1.00	<0.01	<1.00	0.01	2.00
23. Vinyl Chloride	<0.10	<0.01	<0.10	0.01	0.20

All results expressed as ppm unless otherwise indicated.

Methods performed according to SW-846, "Test methods for Evaluating Solid Waste".

Analysis performed on Extract from TCLP.

The contents of this report apply only to the sample analyzed. No duplication of this report is allowed except in its entirety.

*Leah E. Zilber*  
LABORATORY DIRECTOR



# ENVIRONMENTAL MONITORING AND TECHNOLOGIES, INC.

8100 North Austin Avenue  
Morton Grove, Illinois 60053-3203  
847-967-6666  
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## LABORATORY REPORT

144326

Chemical Waste Management  
138th Street & I-94, P.O. Box 1296  
Calumet City, IL 60409

Report Date: 6/18/96  
Sample Received: 6/14/96

Sample ID: AC-S-002  
Sample No.: 54797

	Concentration Found In		Method Detection Limit (MDL) ug/kg (ppb)	Quantitation Limit ug/kg (ppb)
	<u>Sample</u> (ppm)	<u>Blank</u> (ppb)		
PCB 1221	<2	<0.08	1000	5000
PCB 1232	<2	<0.08	1000	5000
PCB 1016 (1242)	<2	<0.08	1000	5000
PCB 1248	<2	<0.08	1000	5000
PCB 1254	<2	<0.08	1000	10000
PCB 1260	<2	<0.08	1000	10000
(Total PCB)	<2	<0.08	1000	-----

All results expressed as ppm unless otherwise indicated.

Methods performed according to SW-846, "Test Methods for Evaluating Solid Waste".

The contents of this report apply only to the sample analyzed. No duplication of this report is allowed except in its entirety.

*Leah E. Zeller*

LABORATORY DIRECTOR



# EMI MONITORING AND TECHNOLOGIES, INC.

8100 North Austin Avenue  
Morton Grove, Illinois 60053-3203

708-967-6666  
FAX: 708/967-6735

Due Date: \_\_\_\_\_ COC #: 3314

Company: <u>AETS</u> Address: <u>138th + CALUMET EXPWAY</u> <u>CALUMET CITY, IL 60408</u> Phone #: <u>312/666-6660</u> Fax #: <u>312/666-6441</u> P.O. #: <u>10205</u> Proj. #: _____ Client Contact: _____ Project ID / Location: _____				<b>Sample Type:</b> 1. Water 2. Soil 3. Sludge 4. Oil 5. Waste Other: _____ <b>Container Type:</b> P - Plastic G - Glass V - VOC <b>Preservative:</b> 1. None 2. H2SO4 3. HNO3 4. NaOH		<b>Analyses</b>											
CODE 12 CODE 13 CODE 14																	
Sample I.D. (10 Characters ONLY)	Sample Type	Container			Sampling		Preservative	Lab I.D.									Comments
		Size	Type	No.	Date	Time											
AC-C-001		GALLON			6/12/96	1:30 PM		54796	X	X	X					144325	ANALYSES
AC-8-002					6/12/96	1:30 PM		54797	X	X	X					144326	FOR PERMITTING OF SPECIAL WASTE

**EMI does not accept samples that contain high levels of Cyanide.**

Relinquished By: <u>[Signature]</u>	Date: <u>6-14-96</u>	Received By: <u>[Signature]</u>	Date: <u>6-14-96</u>	Witness: _____	<b>TURNAROUND TIME:</b> <input checked="" type="checkbox"/> RUSH <u>ASAP</u> _____ day turnaround <input type="checkbox"/> ROUTINE
Relinquished By: <u>[Signature]</u>	Date: <u>6-14-96</u>	Received For Lab By: <u>[Signature]</u>	Date: <u>6-14-96</u>		
	Time: <u>1:47</u>		Time: <u>2:08</u>		

**SPECIAL INSTRUCTIONS:**



COC #: 08920

[illegible]

**EMT does not accept samples that contain high levels of Cyanide.**

Relinquished By: <i>F. A. Thibault</i>	Date: <i>5-17-96</i> Time:       :	Received By: <i>Alex S. Taylor</i>	Date: <i>5-20-96</i> Time: <i>10:31</i>	Witness:	TURNAROUND TIME: <input type="checkbox"/> RUSH ___ day turnaround <input type="checkbox"/> ROUTINE
Relinquished By:	Date: -- -- Time:       :	Received For Lab By: <i>W. J. [illegible]</i>	Date: <i>5-20-96</i> Time: <i>5:40</i>		

**SPECIAL INSTRUCTIONS:**



# ENVIRONMENTAL MONITORING AND TECHNOLOGIES, INC.

8100 North Austin Avenue  
Morton Grove, Illinois 60053-3203  
847-967-6666  
FAX: 847-967-6735

## LABORATORY REPORT

143220-A

Chemical Waste Management  
138th Street & I-94, P.O. Box 1296  
Calumet City, IL 60409

Project No.: 10017  
Project Name: AETS - Alsip  
Sample Description: AL-02  
Sample No.: 52854

Report Date: 5/28/96  
Sample Received: 5/20/96

Analyte	Result	Method
Closed Cup Flash Point	>180°F.	D93-85(21)
Radiation Screen	At Background	M3 Survey Meter
Viscosity	1.07 Centi Stokes	D445-88(21)
pH (10% Solution)	4.88 units	9045(6)

SAMPLE # AL-02

W.I.P. 244172

FREON, WATER & SLUDGE

All results expressed as ppm unless otherwise indicated.

(6) Methods performed according to SW-846, "Test Methods for Evaluating Solid Waste".

(21) Analysis performed using ASTM Method.

The contents of this report apply to the sample analyzed. No duplication of this report is allowed except its entirety.

LABORATORY DIRECTOR

06/18/96 16:19  
06/18/96 17:13

312 646 6441  
708 967 3448

CWM-TASP  
EMT

003  
004/010



# ENVIRONMENTAL MONITORING AND TECHNOLOGIES, INC.

8100 North Austin Avenue  
Morton Grove, Illinois 60053-3203  
847-967-6666  
FAX: 847-967-6735

## LABORATORY REPORT

143220

Chemical Waste Management  
138th Street & I-94, P.O. Box 1296  
Calumet City, IL 60409

Project No.: 10017  
Project Name: AETS - Alsip  
Sample Description: AL-02  
Sample No.: 52854

Report Date: 5/24/96  
Sample Received: 5/20/96

	Concentration		Method Detection Limit (MDL) ug/L (ppb)	Quantitation Limit ug/L (ppb)
	Found In Sample (ppb)	Blank (ppb)		
PCB 1221	<1.0	<0.08	1.0	5.0
PCB 1232	<1.0	<0.08	1.0	5.0
PCB 1016 (1242)	<1.0	<0.08	1.0	5.0
PCB 1248	<1.0	<0.08	1.0	5.0
PCB 1254	<1.0	<0.08	1.0	10.0
PCB 1260	<1.0	<0.08	1.0	10.0
(Total PCB)	<1.0	<0.08	1.0	---

All results expressed as ppb unless otherwise indicated.

Analyses performed using EPA approved Method No. 608 in accordance with 40 CFR136.

The contents of this report apply only to the sample analyzed. No duplication of this report is allowed except in its entirety.

*Leah E. Zelen*  
LABORATORY DIRECTOR

**ENVIRONMENTAL  
MONITORING AND  
TECHNOLOGIES, INC.**

8100 North Austin Avenue  
Morton Grove, Illinois 60053-3203  
847-967-6666  
FAX: 847-967-6735

**LABORATORY REPORT**

143221-A

Chemical Waste Management  
138th Street & I-94, P.O. Box 1296  
Calumet City, IL 60409

Project No.: 10017  
Project Name: AETS - Alsip  
Sample Description: AL-03  
Sample No.: 52855

Report Date: 5/28/96  
Sample Received: 5/20/96

Analyte	Result	Method
Closed Cup Flash Point	160°F.	D93-85(21)
Radiation Screen	At Background	M3 Survey Meter
Viscosity	Not Measured*	D445-88(21)
pH (10% Solution)	6.94 units	9045(6)

SAMPLE # AL-03

W.I.P. 244171

FREON, FUEL OIL & SLUDGE

\*The sample is bilayered. The top layer is approximately 40% of the sample and the viscosity is 3.76 Centistokes. The bottom layer is 60% of the sample and the viscosity is 1.21 Centistokes.

All results expressed as ppm unless otherwise indicated.

(6)Methods performed according to SW-846, "Test Methods for Evaluating Solid Waste".

(21)Analysis performed using ASTM Method.

The contents of this report apply to the sample analyzed. No duplication of this report is allowed except its entirety.

LABORATORY DIRECTOR

06/18/96

17:14

0708 967 5448

EMT

2096-010



# ENVIRONMENTAL MONITORING AND TECHNOLOGIES, INC.

8100 North Austin Avenue  
Morton Grove, Illinois 60053-3203  
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FAX: 847-967-6735

## LABORATORY REPORT

143221

Chemical Waste Management  
138th Street & I-94, P.O. Box 1296  
Calumet City, IL 60409

Project No.: 10017  
Project Name: AETS - Alsip  
Sample Description: AL-03  
Sample No.: 52855

Report Date: 5/24/96  
Sample Received: 5/20/96

	Concentration Found In		Method Detection Limit (MDL) ug/L (ppb)	Quantitation Limit ug/L (ppb)
	<u>Sample</u> (ppb)	<u>Blank</u> (ppb)		
PCB 1221	<1000	<0.08	1000	5000
PCB 1232	<1000	<0.08	1000	5000
PCB 1016 (1242)	<1000	<0.08	1000	5000
PCB 1248	<1000	<0.08	1000	5000
PCB 1254	<1000	<0.08	1000	10000
PCB 1260	<1000	<0.08	1000	10000
(Total PCB)	<1000	<0.08	1000	---

All results expressed as ppb unless otherwise indicated.

Analyses performed using EPA approved Method No. 608 in accordance with 40 CFR136.

The contents of this report apply only to the sample analyzed. No duplication of this report is allowed except in its entirety.

*Leah E. Zehner*  
LABORATORY DIRECTOR



# ENVIRONMENTAL MONITORING AND TECHNOLOGIES, INC.

8100 North Austin Avenue  
Morton Grove, Illinois 60053-3203  
847-967-6666  
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## LABORATORY REPORT

143047

Chemical Waste Management  
138th Street & I-94, P.O. Box 1296  
Calumet City, IL 60409

Project No.: 10017  
Project Name: AETS - Alsip  
Sample Description: AL-04  
Sample No.: 52856

Report Date: 5/22/96  
Sample Received: 5/20/96

Radiation Screen

At Background

pH (10% Solution)

9.10 units

SAMPLE # AL-04

W.I.P. 244170

FREON, STONE & OIL DRY

All results expressed as pps unless otherwise indicated.

Methods performed according to SW-846, "Test Methods for Evaluating Solid Waste".

The contents of this report apply to the sample analyzed. No duplication of this report is allowed except its entirety.

*Gary W. Wiegman*

LABORATORY DIRECTOR

06/18/96 16:23  
06/18/96 17:14

312 646 6441  
708 967 5448

CWM-TASP  
ENT

008/010

# ENVIRONMENTAL MONITORING AND TECHNOLOGIES, INC.

8100 North Austin Avenue  
Morton Grove, Illinois 60053-3203  
847-967-6666  
FAX: 847-967-6735

## LABORATORY REPORT

143047-A

Chemical Waste Management  
138th Street & I-94, P.O. Box 1296  
Calumet City, IL 60409

Report Date: 5/24/96  
Sample Received: 5/20/96

Project No.: 10017  
Project Name: AETS - Alsip  
Sample Description: AL-04  
Sample No.: 52856

	Concentration Found In		Method Detection Limit (MDL) ug/L (ppb)	Quantitation Limit ug/L (ppb)
	<u>Sample</u> (ppb)	<u>Blank</u> (ppb)		
PCB 1221	<50	<0.08	50	250
PCB 1232	<50	<0.08	50	250
PCB 1016 (1242)	<50	<0.08	50	250
PCB 1248	<50	<0.08	50	250
PCB 1254	<50	<0.08	50	500
PCB 1260	<50	<0.08	50	500
(Total PCB)	<50	<0.08	50	----

All results expressed as ppb unless otherwise indicated.

Analyses performed using EPA approved Method No. 608 in accordance with 40 CFR136.

The contents of this report apply only to the sample analyzed. No duplication of this report is allowed except in its entirety.

*Leah E. Zehner*

LABORATORY DIRECTOR



# ENVIRONMENTAL MONITORING AND TECHNOLOGIES, INC.

8100 North Austin Avenue  
Morton Grove, Illinois 60053-3203  
847-967-6666  
FAX: 847-967-6735

## LABORATORY REPORT

143046

Chemical Waste Management  
138th Street & I-94, P.O. Box 1296  
Calumet City, IL 60409

Project No.: 10017  
Project Name: AETS - Alsip  
Sample Description: AL-06  
Sample No.: 52857

Report Date: 5/22/96  
Sample Received: 5/20/96

Radiation Screen	At Background
pH (10% Solution)	6.39 units

SAMPLE # AL-06

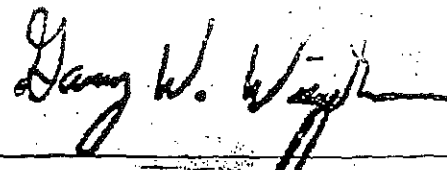
W.I.P. 244169

FREON, SLUDGE & STAINLESS  
STEEL PACKING

All results expressed as ppm unless otherwise indicated.

Methods performed according to SW-846, "Test Methods for Evaluating Solid Waste".

The contents of this report apply to the sample analyzed. No duplication of this report is allowed except its entirety.



LABORATORY DIRECTOR

06/18/96 16:22

312 646 6441

CWM-TASP

0001

06/18/96 17:15

708 967 5448

ENT

010/010



# ENVIRONMENTAL MONITORING AND TECHNOLOGIES, INC.

3100 North Austin Avenue  
Morton Grove, Illinois 60053-3203  
847-967-6666  
FAX: 847-967-6735

## LABORATORY REPORT

143046-A

Chemical Waste Management  
138th Street & I-94, P.O. Box 1296  
Calumet City, IL 60409

Project No.: 10017  
Project Name: AETS - Alsip  
Sample Description: AL-06  
Sample No.: 52857

Report Date: 5/24/96  
Sample Received: 5/20/96

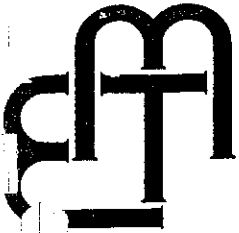
	Concentration Found In		Method Detection Limit (MDL) ug/L (ppb)	Quantitation Limit ug/L (ppb)
	<u>Sample</u> (ppb)	<u>Blank</u> (ppb)		
PCB 1221	<1000	<0.08	1000	5000
PCB 1232	<1000	<0.08	1000	5000
PCB 1016 (1242)	<1000	<0.08	1000	5000
PCB 1248	<1000	<0.08	1000	5000
PCB 1254	<1000	<0.08	1000	10000
PCB 1260	<1000	<0.08	1000	10000
(Total PCB)	<1000	<0.08	1000	---

All results expressed as ppb unless otherwise indicated.

Analyses performed using EPA approved Method No. 603 in accordance with 40 CFR136.

The contents of this report apply only to the sample analyzed. No duplication of this report is allowed except in its entirety.

*Leah E. Zehner*



**ENVIRONMENTAL  
MONITORING AND  
TECHNOLOGIES, INC.**

8100 North Austin Avenue  
Morton Grove, Illinois 60053-3203  
847-967-6666  
FAX: 847-967-6735

**LABORATORY REPORT**

143603

Chemical Waste Management  
138th Street & I-94, P.O. Box 1296  
Calumet City, IL 60409

Report Date: 5/31/96  
Sample Received: 5/29/96

Sample Description: BZ5833  
Sample No.: 53605

Radiation Screen                      At Background  
pH (10% Solution)                      8.05 units

*BZ 5833*

*SAMPLE # AL-07*

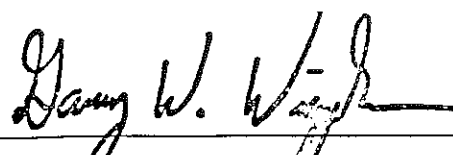
*W.I.P. 24178*

*SOLVENT CONTAMINATED  
STONE*

All results expressed as ppm unless otherwise indicated.

Methods performed according to SW-846, "Test Methods for Evaluating Solid Waste".

The contents of this report apply to the sample analyzed. No duplication of this report is allowed except its entirety.

  
LABORATORY DIRECTOR